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RECEIVED

DEC 27 2001

TECH CENTER 1600/2900

#6/a

SEQUENCE LISTING

<110> Gaiger, Alexander
Cheever, Martin A.

<120> COMPOSITIONS AND METHODS FOR WT1
SPECIFIC IMMUNOTHERAPY

<130> 210121.465C3

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<141> 2000-10-09

<150> US 09/684,361

<151> 2000-10-06

<150> US 09/276,484

<151> 1999-03-25

<150> US 09/164,223

<151> 1998-09-30

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| 1 | | | 5 | | | | | 10 | | | | | 15 | | |
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<212> PRT

<213> Mus musculus

<400> 304

Val Leu Asp Phe Ala Pro Pro Gly Ala
1 5

<210> 305

<211> 9

<212> PRT

<213> Mus musculus

<400> 305

Trp Asn Gln Met Asn Leu Gly Ala Thr
1 5

<210> 306

<211> 9

<212> PRT

<213> Mus musculus

<400> 306

Tyr Phe Lys Leu Ser His Leu Gln Met
1 5

<210> 307

<211> 9

<212> PRT

<213> Mus musculus

<400> 307

Tyr Gln Met Thr Ser Gln Leu Glu Cys
1 5

<210> 308

<211> 9

<212> PRT

<213> Mus musculus

<400> 308

Tyr Ser Ser Asp Asn Leu Tyr Gln Met
1 5

<210> 309

<211> 6

<212> PRT

<213> Homo sapien

<400> 309

Gly Ala Ala Gln Trp Ala
1 5

<210> 310

<211> 12

<212> PRT

<213> Homo sapien

<400> 310

| | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ala | Ser | Ala | Tyr | Gly | Ser | Leu | Gly | Gly | Pro | Ala | Pro |
| 1 | | | | 5 | | | | | 10 | | |

<210> 311

<211> 15

<212> PRT

<213> Homo sapien

<400> 311

| | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ala | Phe | Thr | Val | His | Phe | Ser | Gly | Gln | Phe | Thr | Gly | Thr | Ala | Gly |
| 1 | | | | 5 | | | | | 10 | | | | | 15 |

<210> 312

<211> 5

<212> PRT

<213> Homo sapien

<400> 312

| | | | | |
|-----|-----|-----|-----|-----|
| His | Ala | Ala | Gln | Phe |
| 1 | | | | 5 |

<210> 313

<211> 32

<212> PRT

<213> Homo sapien

<400> 313

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Cys | His | Thr | Pro | Thr | Asp | Ser | Cys | Thr | Gly | Ser | Gln | Ala | Leu | Leu | Leu |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Arg | Thr | Pro | Tyr | Ser | Ser | Asp | Asn | Leu | Tyr | Gln | Met | Thr | Ser | Gln | Leu |
| | | | 20 | | | | | 25 | | | | | 30 | | |

<210> 314

<211> 32

<212> PRT

<213> Homo sapien

<400> 314

| | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Arg | Ile | His | Thr | His | Gly | Val | Phe | Arg | Gly | Ile | Gln | Asp | Val | Arg | Arg |
| 1 | | | | 5 | | | | | 10 | | | | | 15 | |
| Val | Pro | Gly | Val | Ala | Pro | Thr | Leu | Val | Arg | Ser | Ala | Ser | Glu | Thr | Ser |
| | | | 20 | | | | | 25 | | | | | 30 | | |

<210> 315

<211> 4

<212> PRT

<213> Homo sapien

<400> 315

| | | | |
|-----|-----|-----|-----|
| Arg | Tyr | Phe | Lys |
| 1 | | | |

<210> 316
 <211> 14
 <212> PRT
 <213> Homo sapien

<400> 316
 Glu Arg Arg Phe Ser Arg Ser Asp Gln Leu Lys Arg His Gln
 1 5 10

<210> 317
 <211> 22
 <212> PRT
 <213> Homo sapien

<400> 317
 Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr His Thr Arg Thr
 1 5 10 15
 His Thr Gly Lys Thr Ser
 20

<210> 318
 <211> 21
 <212> PRT
 <213> Homo sapien

<400> 318
 Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val Arg His His Asn
 1 5 10 15
 Met His Gln Arg Asn
 20

<210> 319
 <211> 449
 <212> PRT
 <213> Homo sapien

<400> 319
 Met Gly Ser Asp Val Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro
 1 5 10 15
 Ser Leu Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala
 20 25 30
 Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr
 35 40 45
 Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro
 50 55 60
 Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly
 65 70 75 80
 Ala Glu Pro His Glu Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe
 85 90 95
 Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe
 100 105 110
 Gly Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe
 115 120 125

Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile
 130 135 140
 Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly Thr Pro Ser Tyr
 145 150 155 160
 Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro Asn His Ser Phe
 165 170 175
 Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser Leu Gly Glu Gln Gln
 180 185 190
 Tyr Ser Val Pro Pro Pro Val Tyr Gly Cys His Thr Pro Thr Asp Ser
 195 200 205
 Cys Thr Gly Ser Gln Ala Leu Leu Leu Arg Thr Pro Tyr Ser Ser Asp
 210 215 220
 Asn Leu Tyr Gln Met Thr Ser Gln Leu Glu Cys Met Thr Trp Asn Gln
 225 230 235 240
 Met Asn Leu Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser
 245 250 255
 Ser Val Lys Trp Thr Glu Gly Gln Ser Asn His Ser Thr Gly Tyr Glu
 260 265 270
 Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln Tyr Arg Ile
 275 280 285
 His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro
 290 295 300
 Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser Glu Lys
 305 310 315 320
 Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg Tyr Phe Lys
 325 330 335
 Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly Glu Lys Pro
 340 345 350
 Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Ser Arg Ser Asp
 355 360 365
 Gln Leu Lys Arg His Gln Arg Arg His Thr Gly Val Lys Pro Phe Gln
 370 375 380
 Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr
 385 390 395 400
 His Thr Arg Thr His Thr Gly Lys Thr Ser Glu Lys Pro Phe Ser Cys
 405 410 415
 Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val
 420 425 430
 Arg His His Asn Met His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala
 435 440 445
 Leu

<210> 320
 <211> 449
 <212> PRT
 <213> Mus musculus

<400> 320
 Met Gly Ser Asp Val Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Ser
 1 5 10 15
 Ser Leu Gly Gly Gly Gly Gly Cys Gly Leu Pro Val Ser Gly Ala Ala
 20 25 30
 Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr

Leu

<210> 321
 <211> 9
 <212> PRT
 <213> Homo sapien and Mus musculus

<400> 321
 Pro Ser Gln Ala Ser Ser Gly Gln Ala
 1 5

<210> 322
 <211> 9
 <212> PRT
 <213> Homo sapien and Mus musculus

<400> 322
 Ser Ser Gly Gln Ala Arg Met Phe Pro
 1 5

<210> 323
 <211> 9
 <212> PRT
 <213> Homo sapien and Mus musculus

<400> 323
 Gln Ala Arg Met Phe Pro Asn Ala Pro
 1 5

<210> 324
 <211> 9
 <212> PRT
 <213> Homo sapien and Mus musculus

<400> 324
 Met Phe Pro Asn Ala Pro Tyr Leu Pro
 1 5

<210> 325
 <211> 9
 <212> PRT
 <213> Homo sapien and Mus musculus

<400> 325
 Pro Asn Ala Pro Tyr Leu Pro Ser Cys
 1 5

<210> 326
 <211> 9
 <212> PRT
 <213> Homo sapien and Mus musculus

<400> 326
 Ala Pro Tyr Leu Pro Ser Cys Leu Glu
 1 5